

L Number	Hits	Search Text	DB	Time stamp
1	301	((multidimensional or multi-dimensional) or (plurality near2 dimension\$\$) or (multiple near2 dimension\$3)) near2 database	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 21:13
8	209	((multidimensional or multi-dimensional) or (plurality near2 dimension\$\$) or (multiple near2 dimension\$3)) near2 database) and ((storage adj2 location\$1) or storage)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 21:15
15	9	((multidimensional or multi-dimensional) or (plurality near2 dimension\$\$) or (multiple near2 dimension\$3)) near2 database) and ((storage adj2 location\$1) or storage)) and (hierarch\$4 near3 attribut\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 21:15
22	8	((multidimensional or multi-dimensional) or (plurality near2 dimension\$\$) or (multiple near2 dimension\$3)) near2 database) and ((storage adj2 location\$1) or storage)) and (hierarch\$4 near3 attribut\$4)) and (stor! or storing!)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 21:16
29	5	((multidimensional or multi-dimensional) or (plurality near2 dimension\$\$) or (multiple near2 dimension\$3)) near2 database) and ((storage adj2 location\$1) or storage)) and (hierarch\$4 near3 attribut\$4)) and (stor! or storing!)) and (data near2 value\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 21:17
43	0	((multidimensional or multi-dimensional) or (plurality near2 dimension\$\$) or (multiple near2 dimension\$3)) near2 database) and ((storage adj2 location\$1) or storage)) and (hierarch\$4 near3 attribut\$4)) and (stor! or storing!)) and (data near2 value\$1)) and aggregat\$4 and (proximity! or proximate! or nearness!)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 21:19
36	5	((multidimensional or multi-dimensional) or (plurality near2 dimension\$\$) or (multiple near2 dimension\$3)) near2 database) and ((storage adj2 location\$1) or storage)) and (hierarch\$4 near3 attribut\$4)) and (stor! or storing!)) and (data near2 value\$1)) and aggregat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 21:20

L Number	Hits	Search Text	DB	Time stamp
1	1995	(aggregate! OR aggregation!) NEAR2 (operation\$2 OR value\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:15
2	98	((aggregate! OR aggregation!) NEAR2 (operation\$2 OR value\$2)) AND (storage! SAME cell\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:11
3	6	((aggregate! OR aggregation!) NEAR2 (operation\$2 OR value\$2)) AND (storage! SAME cell\$2)) AND 707/2.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:15
4	155	"disk page"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:12
5	0	((aggregate! OR aggregation!) NEAR2 (operation\$2 OR value\$2)) SAME "disk page"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:13
6	2	((aggregate! OR aggregation!) NEAR2 (operation\$2 OR value\$2)) AND "disk page"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:13
7	44	((aggregate! OR aggregation!) NEAR2 (operation\$2 OR value\$2)) AND sparse!	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:24
8	8	((aggregate! OR aggregation!) NEAR2 (operation\$2 OR value\$2)) AND sparse!) AND 707/2.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:17
9	1	((aggregate! OR aggregation!) NEAR2 (operation\$2 OR value\$2)) AND sparsity!	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:15
10	50	(aggregate! OR aggregation!) SAME (sparse! OR sparsity!)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:15
11	2	((aggregate! OR aggregation!) SAME (sparse! OR sparsity!)) AND 707/2.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:15
12	16	(aggregate! OR aggregation!) AND (sparse! OR sparsity!) AND 707/2.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:19
13	0	sparsity! AND 707/2.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:17
14	5	sparsity! AND 707/2.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:18

15	6	((aggregate! OR aggregation!) NEAR2 (operation\$2 OR value\$2)) SAME cache!	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:18
16	17	(aggregate! OR aggregation!) AND (sparse! OR sparsity!) AND (hierarchy! SAME attribute!)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:21
17	109	((aggregate! OR aggregation!) NEAR2 (operation\$2 OR value\$2)) SAME storage!	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:21
18	7	((aggregate! OR aggregation!) NEAR2 (operation\$2 OR value\$2)) SAME storage! SAME (disk! OR cache!)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:22
19	28	((aggregate! OR aggregation!) NEAR2 (operation\$2 OR value\$2)) SAME (disk! OR cache!)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:23
20	21	((aggregate! OR aggregation!) NEAR2 (operation\$2 OR value\$2)) SAME (disk! OR cache!)) NOT (((aggregate! OR aggregation!) NEAR2 (operation\$2 OR value\$2)) SAME storage! SAME (disk! OR cache!))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:23
21	7258	sparsity! OR sparse!	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:24
22	42	(sparsity! OR sparse!) SAME manager\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:25
23	31	((sparsity! OR sparse!) SAME manager\$2) AND quer\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 14:25

L Number	Hits	Search Text	DB	Time stamp
1	1925	((multidimension\$4 or multi-dimension\$4 or ((plurality or multiple) adj3 dimension\$2)) NEAR2 data	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 20:04
8	1995	(aggregate! OR aggregation!) NEAR2 (operation\$2 or value\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 20:06
15	98	((aggregate! OR aggregation!) NEAR2 (operation\$2 or value\$2)) AND (storage! SAME cell\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 20:07
22	9	((multidimension\$4 or multi-dimension\$4 or ((plurality or multiple) adj3 dimension\$2)) NEAR2 data) AND ((aggregate! OR aggregation!) NEAR2 (operation\$2 or value\$2)) AND (storage! SAME cell\$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 20:08
29	1	((multidimension\$4 or multi-dimension\$4 or ((plurality or multiple) adj3 dimension\$2)) NEAR2 data) AND ((aggregate! OR aggregation!) NEAR2 (operation\$2 or value\$2)) AND (storage! SAME cell\$2)) AND sparse!	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 20:08
36	2	((multidimension\$4 or multi-dimension\$4 or ((plurality or multiple) adj3 dimension\$2)) NEAR2 data) AND ((aggregate! OR aggregation!) NEAR2 (operation\$2 or value\$2)) AND (storage! SAME cell\$2)) AND spars\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 20:10
43	2	((multidimension\$4 or multi-dimension\$4 or ((plurality or multiple) adj3 dimension\$2)) NEAR2 data) AND ((aggregate! OR aggregation!) NEAR2 (operation\$2 or value\$2)) AND (storage! SAME cell\$2)) AND spars\$4 AND value\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 20:11
64	0	((multidimension\$4 or multi-dimension\$4 or ((plurality or multiple) adj3 dimension\$2)) NEAR2 data) AND ((aggregate! OR aggregation!) NEAR2 (operation\$2 or value\$2)) AND (storage! SAME cell\$2)) AND spars\$4 AND value\$1) AND hierarch\$4) AND attribut\$4) AND (proximity! OR proximate!)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 20:19
57	1	((multidimension\$4 or multi-dimension\$4 or ((plurality or multiple) adj3 dimension\$2)) NEAR2 data) AND ((aggregate! OR aggregation!) NEAR2 (operation\$2 or value\$2)) AND (storage! SAME cell\$2)) AND spars\$4 AND value\$1) AND hierarch\$4) AND attribut\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 20:20
50	2	((multidimension\$4 or multi-dimension\$4 or ((plurality or multiple) adj3 dimension\$2)) NEAR2 data) AND ((aggregate! OR aggregation!) NEAR2 (operation\$2 or value\$2)) AND (storage! SAME cell\$2)) AND spars\$4 AND value\$1) AND hierarch\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/23 20:26

	Document ID	Issue Date	Pages	Title	Current OR
1	US 6282546 B1	20010828	17	System and method for real-time insertion of data into a multi-dimensional database for network intrusion detection and vulnerability assessment	707/102
2	US 5799300 A	19980825	19	Method and system for performing range-sum queries on a data cube	707/5

	Current XRef	Retrieval Classif	Inventor
1	707/6; 713/201		Gleichauf, Robert et al.
2			Agrawal, Rakesh et al.

	Document ID	Issue Date	Pages	Title	Current OR
1	US 20020029207 A1	20020307	75	Data aggregation server for managing a multi-dimensional database and database management system having data aggregation server integrated therein	707/1
2	US 6385604 B1	20020507	37	Relational database management system having integrated non-relational multi-dimensional data store of aggregated data elements	707/3
3	US 5926820 A	19990720	18	Method and system for performing range max/min queries on a data cube	707/200
4	US 5799300 A	19980825	19	Method and system for performing range-sum queries on a data cube	707/5
5	US 5706495 A	19980106	27	Encoded-vector indices for decision support and warehousing	707/2

	Current XRef	Retrieval Classif	Inventor
1	707/104.1		Bakalash, Reuven et al.
2	707/10; 709/217		Bakalash, Reuven et al.
3	707/5		Agrawal, Rakesh et al.
4			Agrawal, Rakesh et al.
5	707/3		Chadha, Atul et al.